

Title (en)  
PROCESSES AND COMPOUNDS USEFUL FOR RESOLVING 1-METHYL-3-PHENYLPROPYLAMINE

Publication  
**EP 0320898 A3 19890816 (EN)**

Application  
**EP 88120880 A 19881214**

Priority  
US 13467487 A 19871218

Abstract (en)  
[origin: EP0320898A2] (R)-1-methyl-3-phenylpropylamine which can be prepared from a mixture containing said compound along with (S)-1-methyl-3-phenylpropylamine by contacting a solution of said compounds or of their soluble salts with an effective amount of a compound of formula I <CHEM> to form a salt of formula II <CHEM> which selectively precipitates from said solution, and wherein R is -COR<1>, -CONR<2>R<3> or -SO<sub>2</sub>R<4>; R<1> is H, alkyl, alkoxy, allyloxy, phenyl, phenyloxy, benzyl, benzyloxy, all optionnally substituted, or 2-furanylmethoxy, R<2> and R<3> may be the same or different and each is independently selected from H, alkyl, phenyl, benzyl, all optionnally substituted and R<4> is alkyl, phenyl, benzyl, all optionnally substituted.

IPC 1-7  
**C07B 57/00**; **C07C 87/28**

IPC 8 full level  
**C07C 209/88** (2006.01); **C07C 211/27** (2006.01); **C07C 233/47** (2006.01); **C07C 311/06** (2006.01)

CPC (source: EP)  
**C07C 209/88** (2013.01); **C07C 211/27** (2013.01); **C07C 233/47** (2013.01); **C07C 311/06** (2013.01); **Y02P 20/582** (2015.11)

Citation (search report)  
• [A] EP 0003359 A1 19790808 - CIBA GEIGY AG [CH]  
• [A] DE 1182245 B 19641126 - PHILIPS NV  
• [A] EP 0237305 A2 19870916 - SUMITOMO CHEMICAL CO [JP]  
• [AD] COLLECTION OF CZESCHOSLOVAK CHEMICAL COMMUNICATIONS, vol. 33, 1968, pages 3551-3557; O. CERVINKA et al.: "Asymmetric reactions. XXIX. Absolute configuration of omega-phenyl-2-alkylamines and their N-methyl derivatives"

Cited by  
EP0441979A4; GB2303629A; GB2303629B; AU695507B2; US6271178B1; US6284710B1; WO9535275A1; US6346503B1; US6403794B2

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